

# JACK YONG TEOH

## FULLSTACK SOFTWARE ENGINEER

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## SUMMARY

Fullstack Software Engineer with 3 years of hands-on experience working on production web applications. Contributes across application layers, including frontend, backend, and deployment workflows. Pursuing Master's degree in Software Engineering (ST) at Universiti Malaya focusing on clean architecture, operational stability, and consistent engineering standards. Skillset includes: FastAPI (REST), Python, PostgreSQL, Docker, Linux CLI, React, Next.js, JavaScript, Figma, Git, Jira

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## WORK EXPERIENCE

### Software Engineer, Axflix Technologies (Hybrid) Aug 2024 - Present

- Develop and maintain web applications using React Next.js, TypeScript on the frontend, and FastAPI with Python and Postgresql on the backend.
- Involved Projects: Crypto Payment Gateway, SMS System, Streaming Services, Office Management Platform, School Education System
- Participate in Agile sprint planning, backlog refinement, and task prioritization to meet project milestones. Collaborate closely within the development team.
- Optimized production system reliability by resolving 95% of critical bugs within 24 hours and implementing automated monitoring that reduced system downtime by 20%.
- Document technical decisions, system changes, and workflows to support knowledge sharing
- Reengineered the localization workflow and SEO strategy, enabling 100% index coverage and a 50% faster turnaround for multi-language feature delivery
- Established code review protocols and testing standards, reducing post-release defects by 30% across the development team

### Software Engineer, ARB Berhad (Hybrid)

Jul 2023 - Aug 2024

- Led the revamp of 2 legacy repositories into a modern tech stack, improving application load times by 60% and reducing technical debt, collaborate closely with cross-functional teams.
- Implement and enhance software features, transforming them into reusable components/fully-responsive interfaces using Vue.js, React, Javascript.
- Maintain software products by addressing production issues, managing backlogs, and releasing hot-fixes raised by the support team.

### Internship, Finexus Group (On-site)

Nov 2022 - Jun 2023

- Focusing on developing Web Software Development Kit (SDK) for E-Wallet mainly using React, Typescript, GraphQL
  - Involving in implementing APIs, create reusable components simplifying project structure.
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## EDUCATION

### Master of Software Engineering (Software Technology)

Oct 2025 - Jul 2027

Universiti Malaya

- Architecting Software Systems, Framework-Based Software Design and Development

### Bachelor of Computer Science, Software Engineering

Jun 2020 - Jun 2023

Tunku Abdul Rahman University of Management & Technology

- CGPA: 3.60 / 4.00

## ADDITIONAL INFORMATION

- **Soft Skills:** Project Management, Collaboration, Problem Solving, Communication
- **Languages:** English, Chinese, Malay
- **Certifications:** AWS Academy Cloud Foundations
- **Awards/Activities:** 2 times President's List Holder, 1 time Dean's List Holder, Roche Inter-University IT Virtual Hackathon 2020 - Shortlisted Team